

WHAT IS CLAIMED IS:

1. A lid for a container wherein the perimeter of the lid is adapted to engage with an opening of the container and wherein the length of the perimeter of the lid may be reduced by a user to enable the lid to be disengaged from the container without the use of a tool.
2. A lid as claimed in claim 1, wherein the lid has a body comprising a resiliently deformable portion which when deformed reduces the length of the perimeter of the lid.
3. A lid as claimed in claim 2, wherein the body of the lid has a generally planar surface and the resiliently deformable portion forms part of that surface.
4. A lid as claimed in claim 3, further comprising finger grips arranged to enable a user to deform the resiliently deformable portion.
5. A lid as claimed in claim 2, wherein said resiliently deformable portion is integrally formed with the remainder of the lid by bi-injection molding.
6. A lid as claimed in claim 1, further comprising a locking member arranged selectively to prevent disengagement of the lid.
7. A lid as claimed in claim 6, wherein the locking member comprises a catch which when engaged prevents said resiliently deformable portion from deforming.
8. A lid as claimed in claim 7, wherein the catch when engaged applies a biasing force to said resiliently deformable portion so as to oppose said deformation.
9. A lid as claimed in claim 7, wherein the catch is integrally formed with said lid.
10. A lid as claimed in claim 1, wherein the lid comprises polypropylene.
11. A lid as claimed in claim 2, wherein the resiliently deformable portion is formed from an elastomeric material.
12. A lid as claimed in claim 1, wherein the diameter of the lid is less than 250mm.
13. A lid as claimed in claim 1, further comprising a groove formed in the perimeter for engagement with a corresponding projection provided around the opening of the container.
14. A lid as claimed in claim 1, further comprising a resilient seal around the perimeter.

15. A lid as claimed in claim 14, wherein the resilient seal is formed of the same material as the resiliently deformable portion and is moulded integrally therewith.

16. A lid as claimed in claim 7, wherein the catch is hinged to the lid and when engaged lies substantially flush thereto.

17. A lid as claimed in claim 7, which is adapted to be engaged with the opening of a container with the catch engaged.

18. A lid as claimed in claim 1, further comprising a plurality of lateral projections such as latches, retaining bead extensions or the like arranged around the perimeter to assist in securing the lid to a container.

19. A lid as claimed in claim 1, further comprising at least one indentation in the resiliently deformable portion at the periphery of the lid so as to direct the resiliently deformable portion radially inward when deformed.

20. A lid as claimed in claim 1, wherein the lid is coupled to a corresponding container, the lid being engaged with the container so as to provide a sealed vessel.

21. A lid as claimed in claim 20, wherein the lid and container are adapted for holding paint, varnish, wood preservatives, or the like.

22. A lid for a container comprising a body and a peripheral elastomeric seal, wherein the seal and body are moulded together by bi-injection moulding, the seal being formed by elastomeric material that is connected via a plurality of flow paths through the body to an injection point.

23. A lid as claimed in claim 22, wherein the body comprises an elastomeric deformable portion for facilitating removal of the lid from a container, the elastomeric deformable seal and the deformable portion being integrally moulded and being connected by the flow paths.

24. A lid as claimed in claim 22, wherein the injection point is located generally centrally on the lid and the flow paths radiate outwardly therefrom.

25. A lid as claimed in claim 22, wherein the flow paths are on the underside of the lid.

26. A method of forming a lid for a container, wherein the lid comprises a deformable portion which, when deformed, reduces the perimeter of the lid so as to facilitate removal of the lid from a container, the method comprising:

- (i) moulding the major portion of the lid in a first mould;
- (ii) transferring the major portion to a second mould; and
- (iii) in the second mould, moulding the deformable portion from elastomeric material such that the elastomeric material bonds with the major portion.

27. A method of forming a lid for a container, the lid comprising a body and a peripheral elastomeric seal, the method comprising forming the seal and body by bi-injection moulding, the seal being formed by elastomeric material that flows via a plurality of flow paths through the body from an injection point.